

Name: _____ Date: _____

Pre-Test

Electrical Safety Quiz

SELECT THE BEST ANSWER.

1. The most dangerous place to use electrical equipment is?
 - A. indoors.
 - B. outdoors.
 - C. near water.
 - D. near other electrical equipment.
2. You discover the electrical cord on a drill has been damaged and some of the cord's insulation is missing. You should?
 - A. wrap tape around the damaged spot to prevent electrical shocks.
 - B. check to see if the drill still works.
 - C. tag the drill out of service and notify the department responsible for equipment maintenance.
 - D. make sure that the cord does not come in contact with the floor.
3. The safest ladder to use around electricity is?
 - A. wood.
 - B. fiberglass.
 - C. aluminum.
 - D. a step stool.
4. The earth, water, concrete and the human body are all conductors of electricity
 - A. True
 - B. False
5. The effects of an electrical shock on the body depend upon all of the following *EXCEPT*:
 - A. current.
 - B. path.
 - C. duration.
 - D. body weight.
6. Injuries from electricity can include which of the following?
 - A. electric shock that may or may not result in electrocution.
 - B. falls.
 - C. burns.
 - D. all of the above.
7. Open knock outs on outlet boxes:
 - A. must be reported and repaired as soon as possible.
 - B. are permitted by OSHA.

- C. are common because replacing knock outs is expensive.
 - D. pose no hazard as the electrical wiring has been rerouted.
8. Which of the following is acceptable by OSHA standards?
- A. an unqualified employee flipping tripped breakers in a breaker box.
 - B. plugging an extension cord into a second extension cord.
 - C. removing a ground pin if needed to plug into a two prong outlet.
 - D. a qualified person repairing an extension cord.
9. Flexible cords can be used in the workplace:
- A. as a substitute for permanent wiring.
 - B. if they are run behind walls to reduce the chance of abrasion and damage.
 - C. if heavy or extra heavy duty cords are needed for temporary purposes.
 - D. if any obvious splices are repaired with electrical tape.
10. It is the responsibility of all employees to understand and use electrical safety everyday.
- A. True
 - B. False

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Post-Test

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